

CLAIMS

1. Use of a combination of an IgG2 antibody to a phosphopeptido-mannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1 antibody to a *C albicans* cell wall antigen, and glucan for the diagnosis of candidiasis or invasive candidiasis.
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2. Use of an antibody to a *C albicans* cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans* for
10 the diagnosis of candidiasis or invasive candidiasis.
3. The use according to claim 2, wherein said antibody is an IgG2 antibody.
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4. The use according to claim 2, wherein said antibody is an IgG1 antibody.
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5. The use according to claim 2, wherein said antibody is an IgG3 antibody.
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6. Diagnostic kit for the diagnosis of candidiasis or invasive candidiasis comprising
 - means for drawing a sample from a patient;
 - means for an assay for the detection of a combination of an IgG2 antibody to a phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1 antibody to a *C albicans* cell wall antigen, and glucan,
25 wherein said sample is analyzed for the presence of the simultaneous presence of an IgG2 antibody to a phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1 antibody to a *C albicans* cell wall antigen, and glucan.
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7. The diagnostic kit according to claim 6, wherein said assay is a sandwich ELISA assay.
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8. Diagnostic kit for the diagnosis of candidiasis or invasive candidiasis comprising

• means for drawing a sample from a patient;

• means for an assay for the detection of an antibody to a *C albicans* cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, wherein said sample is analyzed for the presence of 5 an antibody to a *C albicans* cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*.

9. The diagnostic kit according to claim 8, wherein said antibody is an IgG2 antibody.

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10. The diagnostic kit according to claim 8, wherein said antibody is an IgG1 antibody.

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11. The diagnostic kit according to claim 8, wherein said antibody is an IgG3 antibody.

12. The diagnostic kit according to any one of the claims 8-11, wherein said assay is a sandwich ELISA assay.

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13. A method for diagnosing candidiasis or invasive candidiasis a patient comprising

- drawing a sample from the patient, and
- performing an assay for the detection of an IgG2 antibody to a phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1 antibody to a *C albicans* cell wall antigen, and glucan,

25 wherein the simultaneous presence of an IgG2 antibody to a phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, and an IgG1 antibody to a *C albicans* cell wall antigen, and glucan indicates candidiasis or invasive candidiasis in the patient

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14. A method for diagnosing candidiasis or invasive candidiasis a patient comprising

- drawing a sample from the patient, and
- performing an assay for the detection of an antibody to a *C albicans* cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*,

wherein the presence of an antibody to a *C albicans* cell wall antigen or to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans* indicates candidiasis or invasive candidiasis in the patient.

5 15. Use of an antibody for the diagnosis of candidemia or invasive *Candida* infection.

16. The use according to claim 15, wherein said antibody is an IgG antibody to a native cell wall fragment of *C albicans*.

10 17. The use according to claim 15, wherein said antibody is an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*.

15 18. The use according to claim 16 or 17, wherein said IgG antibody is a human serum IgG antibody.

19. Diagnostic kit for the diagnosis of candidemia or invasive *Candida* infection comprising

20 • means for drawing a sample from a patient;
• means for an assay for the detection of an IgG antibody to a native cell wall fragment of *C albicans* or an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*, wherein said sample is analyzed for the presence of an IgG antibody to a native cell wall fragment of *C albicans* or an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*.

25 20. The diagnostic kit according to claim 19, wherein said assay is a sandwich ELISA assay.

30 21. The diagnostic kit according to claim 19 or 20, wherein said antibody is a human serum IgG antibody.

35 22. A method for diagnosing candidemia or invasive *Candida* infection in a patient comprising

- drawing a sample from the patient, and

- performing an assay for the detection of an IgG antibody to a native cell wall fragment of *C albicans* or an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans*,
5 wherein the presence of an IgG antibody to a native cell wall fragment of *C albicans* or an IgG antibody to a solubilized phosphopeptidomannan (PPM) fraction of the cell wall of *C albicans* indicates candidemia or invasive Candida infection in the patient.

23. The method according to claim 22, wherein said antibody is a human serum IgG antibody.
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